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Figures 8A-8B are charts showing how signals are measured without and with pulse grouping logic, respectively;

Figure 9 is an example showing how emitters having different sets of range controls may be satisfied by selecting dwells according to one embodiment of the invention;

Figures 10A-10B are charts showing time in beam (TIB) extraction for different sensitivity levels according to one embodiment of the invention;

Figure 11 is a diagram illustrating the placement of dwells in relation to the pulse repetition intervals of emitters, according to one embodiment of the invention;

Figure 12 is a diagram illustrating two possible dwell placement solutions for detecting an emitter, according to one embodiment of the invention;

Figure 13 is a table showing an example of a portion of an information matrix, according to one embodiment of the invention;

Figures 14A and 14B are diagrams showing possible dwell placement solutions for the information matrix of Figure 13, according to one embodiment of the invention;

Figure 15 is a flow chart illustrating an example of a method for creating a scan strategy, according to one embodiment of the invention;

Figure 16 is a flow chart illustrating an example of a method for creating a scan strategy, according to one embodiment of the invention;

Figure 17 is a diagram illustrating two possible scan strategies generated by using different initial limit values, according to one embodiment of the invention.

Figure 18 is a flow chart illustrating an example of a method for creating a scan strategy, according to one embodiment of the invention;

Figure 19 is a table showing emitter timing data, according to one embodiment of the invention;

Figure 20 is a table showing emitter timing data and dwell cost, according to one embodiment of the invention;

Figure 21 is a diagram showing the timing of execution of dwells, according to one embodiment of the invention;

Figure 22 is a flow chart illustrating a method of selecting a non-maximum dwell duration, according to one embodiment of the invention;

Figure 23 is a continuation of the flow chart of Figure 22.